

ABSTRACT

A solderless electrical contact has first and second ends for connection to conductive elements joined by a central section having a C-shaped cross-section with opposing arms tapering to a reduced end thickness for press-fit mounting into a printed circuit board aperture. The C-shaped cross-section has a slot arranged therein, the slot having a longitudinal axis parallel to a longitudinal axis of the electrical contact. The tapering arms of the C-shaped cross-section provide uniformly stressed beams that allow the radii of each arm to better conform to tolerance variations of the aperture without creating undue stresses therein and the slot arranged in the C-shaped cross-section reduces an insertion force of the electrical contact while retaining a sufficient retention force of the electrical contact.